

# Chat-Bubble Documentation

aava-chat-bubble renders conversational messages with support for user/AI alignment, avatars, timestamps, and optional action icons per message (copy, like/dislike, speak, reply).

## Usage

```
<aava-chat-bubble [messages]="messages"></aava-chat-bubble>
```

---

```
messages: Message[] = [
  {
    sender: 'user',
    senderName: 'Matthew Anderson',
    time: '05:00 pm',
    text: "Hey there! I'm new here and I'm really interested in the concept of tokenized real estate.",
    avatar: 'assets/1.svg',
    icons: [],
  },
  {
    sender: 'ai',
    senderName: 'Matthew Anderson',
    time: '05:01 pm',
    text: 'Hey Matthew, welcome! Tokenized real estate is a way to represent ownership in real estate.',
    avatar: 'assets/1.svg',
    icons: [
      { name: 'thumbs-up', label: 'Like' },
      { name: 'thumbs-down', label: 'Dislike' },
    ],
  },
];
];
```

## API

### Inputs

| Name         | Type  | Default | Description   |
|--------------|---|---------|---|
| messages     | Array<{ sender: 'user'   'ai'; senderName: string; time: string; text: string; avatar: string; icons: { name: string; label: string }[]; }> | []      | Message array to render. Sender controls alignment and bubble styling.    |
| customStyles | Record  | {}      | Optional custom styles to apply to the chat bubble component dynamically. |

## Methods

- `copyMessage(text: string)` : Copies message text to clipboard.
- `reactToMessage(reaction: 'like' | 'dislike')` : Hook to handle reactions.
- `replyToMessage()` : Hook to trigger reply flow.
- `speakMessage(text: string)` : Uses Speech Synthesis to read message aloud.

## CSS Variables

Chat Bubble uses CSS variables for theming:

| Variable                            | Description                                 |
|-------------------------------------|---|
| --chat-bubble-user-background-color | Background color for user messages.         |
| --chat-bubble-user-text-color       | Text color for user messages.               |
| --chat-bubble-ai-background-color   | Background color for AI messages.           |
| --chat-bubble-ai-text-color         | Text color for AI messages.                 |
| --chat-bubble-font-family           | Font family used in chat bubbles.           |
| --chat-bubble-text                  | Primary text color used in chat bubbles.    |
| --chat-bubble-line                  | Line color used for separators or borders.  |
| --chat-bubble-font-weight           | Font weight used in chat bubbles.           |
| --chat-bubble-font-size-md          | Medium font size used in chat bubbles.      |
| --chat-bubble-font-size-sm          | Small font size used in chat bubbles.       |
| --chat-bubble-font-size-xs          | Extra small font size used in chat bubbles. |

## Accessibility

- Keyboard focusable action icons.
- Announce message content to assistive tech using readable DOM text.
- Optional speech synthesis via `speakMessage` .

## Best Practices

- Keep messages concise and scannable.
- Include timestamps and sender names when useful.
- Prefer semantic colors via tokens for light/dark themes.

## Related

- Avatar
- Icon
- Prompt Bar